

SPECIFICATION AMENDMENTS

On page 1, delete “BACKGROUND OF THE INVENTION” above line 1.

On page 1, above line 1, insert--Field of the Invention--

On page 1, above line 3, insert--Background of the Invention--

On page 2, delete line 9-33

On page 3, delete line 1-3.

On page 7, after line 32, add the following paragraphs:

In some embodiments of the present invention includes a system and method for creating a hole in a subsurface formation, wherein a small diameter pilot hole is pierced into the formation which pilot hole is subsequently expanded to an encased larger diameter hole in which one or more fibre optical, electrical and/or other cables and/or fluid transportation conduits are inserted, or which hole may serve as a subsurface fluid transportation and/or drainage conduit.--

--In some embodiments of the present invention includes is to provide a cost effective system and method for creating a grid of shallow holes in a subsurface formation in urban and other areas, in which holes strings of geophones and/or fibre optical sensing devices can be permanently inserted for monitoring seismic reflections and/or other geophysical effects during an extensive period of time, with a minimum impact on the environment at the earth surface.--

In some embodiments of the present invention includes is to provide a system and a method for creating a hole in a subsurface formation to accommodate transmission systems such as tubes, pipes, hoses, cables, rods and bars or hole preservation systems such as conduits, ducts and casings or which can be used as a pilot or guidance hole for reaming or otherwise enlarging the hole.--

On page 8, delete line 1.

On page 8, above line 2, insert--Brief Description of the Drawings--

On page 8, above line 19, insert--Detailed Description of the Invention--

On page 12, after line 24, add the following paragraph:

--While the illustrative embodiments of the invention have been described with particularity, it will be understood that various other modifications will be readily apparent to, and can be easily made by one skilled in the art without departing from the spirit of the invention. Accordingly, it is not intended that the scope of the following claims be limited to the examples and descriptions set forth herein but rather that the claims be construed as encompassing all features which would be treated as equivalents thereof by those skilled in the art to which this invention pertains.--

On page 13, above line 1, insert-- We claim: --.